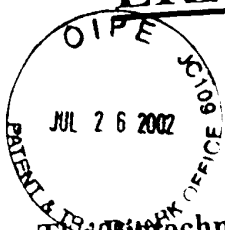
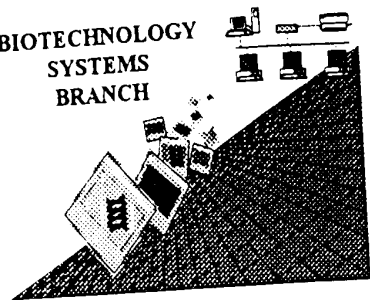


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/453,980
Art Unit / Team No.: BATCH 1615-3/17
Date Processed by STIC: 4/13/2000

RECEIVED

JUL 31 2002

TECH CENTER 1600 2900

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

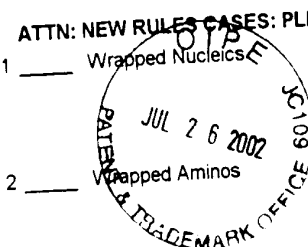
MARK SPENCER 703-508-4212

Raw Sequence Listing Error Summary

SERIAL NUMBER: 09/403,980

ERROR DETECTED SUGGESTED CORRECTION

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE



1 Wrapped Nucleics
2 Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

3 Incorrect Line Length
4 Misaligned Amino Acid Numbering

The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

5 Non-ASCII

The rules require that a line not exceed 72 characters in length. This includes spaces.

6 Variable Length

The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.

7 PatentIn ver. 2.0 "bug"

This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

8 Skipped Sequences (OLD RULES)

Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.

A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence.

Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

9 Skipped Sequences (NEW RULES)

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

10 ✓ Use of n's or Xaa's (NEW RULES)

Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

11 Use of <213>Organism (NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

12 Use of <220>Feature (NEW RULES)

Sequence(s) are missing this mandatory field or its response.

Sequence(s) are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)

13 PatentIn ver. 2.0 "bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

RECEIVED

JUL 31 2002

TECH CENTER 1500 2900

PAGE: 1

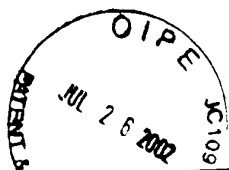
RAW SEQUENCE LISTING
PATENT APPLICATION US/09/403,980

BATCH

(1515)
(3-17)

DATE: 04/13/2000
TIME: 13:47:38

Input Set: I403980.RAW



This Raw Listing contains the General Information
Section and up to first 5 pages.

PR.514

- 1 <110> APPLICANT: I.N.S.E.R.M.
- 2 <120> TITLE OF INVENTION: NEW POLYPEPTIDES ASSOCIATED WITH ACTIVATORY RECEPTORS
- 3 AND THEIR BIOLOGICAL APPLICATIONS
- 4 <130> FILE REFERENCE: PCT/FR98/00883
- 5 <140> CURRENT APPLICATION NUMBER: US/09/403,980
- 6 <141> CURRENT FILING DATE: 2000-01-19
- 7 <150> EARLIER APPLICATION NUMBER: FR97/05411
- 8 <151> EARLIER FILING DATE: 1997-04-30
- 9 <160> NUMBER OF SEQ ID NOS: 31
- 10 <170> SOFTWARE: PatentIn Ver. 2.1
- 11 <210> SEQ ID NO 1
- 12 <211> LENGTH: 517
- 13 <212> TYPE: DNA
- 14 <213> ORGANISM: Mus musculus
- 15 <400> SEQUENCE: 1

Does Not Comply
Corrected Diskette Needed

RECEIVED

JUL 31 2002

TECH CENTER 1800-2900

gggtcacacca ggtcccacca gcccctggac tgtggtgtcc agtgcatac tggccaccat 60
ggggctctgg agcctcctgg tgccttctgt tcttctctgt cctcctgact gtgggaggat 120
taagtcccgat acaggcccag agtgacactt tcccaagatg cgactgttct tccgtgagcc 180
ctggtgtact gtctgggatt gttctgggtg acttgggtgt gactctgctg attgccctgg 240
ctgtgtactc tctggggccgc ctggtctccc gaggtcaagg gacagcgga gggaccgga 300
aacaacacat tgetgagact gagtgcctt atcaggagct tcagggtcag agacatgaag 360
tatacagtga cctcaacaca cagaggcaat attacagatg agccactct atgcccacat 420
gcggcctgat gcccgatcc ggtcattcca gatgcctact caacaagccc tctctgagat 480
caggactccc gttggaatac agatccacag ggtacct 517

- 25 <210> SEQ ID NO 2
- 26 <211> LENGTH: 87
- 27 <212> TYPE: PRT
- 28 <213> ORGANISM: Mus musculus
- 29 <400> SEQUENCE: 2
- 30 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly
- 31 1 5 10 15
- 32 Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile
- 33 20 25 30
- 34 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly
- 35 35 40 45
- 36 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro
- 37 50 55 60
- 38 Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp Leu Asn
- 39 65 70 75 80
- 40 Thr Gln Arg Gln Tyr Tyr Arg
- 41 85

- 42 <210> SEQ ID NO 3
- 43 <211> LENGTH: 16
- 44 <212> TYPE: PRT

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/403,980DATE: 04/13/2000
TIME: 13:47:38

Input Set: I403980.RAW

45 <213> ORGANISM: Mus musculus
46 <400> SEQUENCE: 3
47 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly 15
48 1 5 10
49 <210> SEQ ID NO 4
50 <211> LENGTH: 24
51 <212> TYPE: PRT
52 <213> ORGANISM: Mus musculus
53 <400> SEQUENCE: 4
54 Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile 15
55 1 5 10
56 Ala Leu Ala Val Tyr Ser Leu Gly
57 20
58 <210> SEQ ID NO 5
59 <211> LENGTH: 47
60 <212> TYPE: PRT
61 <213> ORGANISM: Mus musculus
62 <400> SEQUENCE: 5
63 Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln 15
64 1 5 10
65 His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg 30
66 20 25
67 His Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr Arg 45
68 35 40
69 <210> SEQ ID NO 6
70 <211> LENGTH: 515
71 <212> TYPE: DNA
72 <213> ORGANISM: Mus musculus
73 <400> SEQUENCE: 6
74 tcacaccagg tcccaccagc ccttgactg tgggtgtccag tgcatactctg gccaccatgg 60
75 ggctctggag cctcctgggtg ccttctgttc cttcctgtcc tcctgactgt gggaggatta 120
76 agtcccgtac aggccagag tgacactttc ccaagatgag actgttcttc cgtgagccct 180
77 ggtgtactgt ctgggattgt tctgggtgac ttgggtgtga ctctgctgat tgccctggct 240
78 gtgtactctc tgggcccgtt ggtctcccga ggtcaaggga cagcgggaagg gaccggaaa 300
79 caacacattg ctgagactga gtcgccttat caggagcttc agggtcagag acatgaagta 360
80 tacagtgacc tcaacacaca gaggcaatat tacagatgag cccactctat gcccatcagc 420
81 ggcctgatgc ccggatccgg tcattccaga tgcctactca acaagccctc tctgagatca 480
82 ggactcccgt tggaatacag atccacaggg tacct 515
83 <210> SEQ ID NO 7
84 <211> LENGTH: 371
85 <212> TYPE: DNA
86 <213> ORGANISM: Mus musculus
87 <400> SEQUENCE: 7
88 gtgcatactt ggccaccatg ggggctctgg agcctccatg gtgccttctg ttccttctctg 60
89 tcctcctgac tgtgggagga ttaagtcccg tacaggccca gactgacact ttccaagat 120
90 gcgactgttc ttccgtgagc cctgggtgtac tggctgggat tgttctgggt gacttgggtg 180
91 tgactctgct gattgccctg gctgtgtact ctctcgcccg cctgggtctcc cgagggtcaag 240
92 ggacagcgga agggaccgg aaacaacaca ttgctgagac tgagtgcct tatcaggagc 300
93 ttcagggtca gagaccagaa gtatacagt acctcaacac acagaggcaa tattacagat 360
94 gagccactc t 371

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/403,980DATE: 04/13/2000
TIME: 13:47:38

Input Set: I403980.RAW

```
95 <210> SEQ ID NO 8
96 <211> LENGTH: 376
97 <212> TYPE: DNA
98 <213> ORGANISM: Mus musculus
99 <400> SEQUENCE: 8
100 gccttctgtt ccttctgtc ctctgactg tgggaggatt aagtcctgta caggcccaga 60
101 gtgacacttt cccaagatgc ggctgttctt cctgagagccc tgggtgtactg gctgggattg 120
102 ttctgggtga cttggtgttg actctgctga ttgccctggc tgtgtactct ctgggccggc 180
103 tgggtctccc aggtcaaggg acagcggaag ggaccggaa acaacacatt gctgagactg 240
104 agtcgcctta tcaggagctt cagggtcaga gacatgaagt atacagtac ctcaacacac 300
105 agaggcaata ttacagatga gccactcta tgcccatcag cggcctgatg cccggatccg 360
106 gtcattccag atgcct 376
107 <210> SEQ ID NO 9
108 <211> LENGTH: 402
109 <212> TYPE: DNA
110 <213> ORGANISM: Mus musculus
111 <400> SEQUENCE: 9
112 ccagcccctg gactgtggtg tccagtgcac atctggccac catgggggct ctggagcctc 60
113 ctggtgcctt ctgttccttc ctgtcctcct gactgtggga ggattaagtc ccgtacaggc 120
114 ccagagtgc actttccaa gatgcgactg ttcttcctg agccctggtg tactggctgg 180
115 gattgttctg ggtgacttgg tgttgactct gctgattgcc ctggctgtgt actctctggg 240
116 ccgctgggtc tcccagagtc aaggacagc ggaaggacc cggaaacaac acattgctga 300
117 gactgagtcg cttatcagg agcttcagg tcagagacca gaagtataca gtgacctcaa 360
118 cacacagagg caatattaca gatgagccac tctatgccca tc 402
119 <210> SEQ ID NO 10
120 <211> LENGTH: 482
121 <212> TYPE: DNA
122 <213> ORGANISM: Mus musculus
123 <400> SEQUENCE: 10
124 gttccttctt gtctcctga ctgtgggagg attaatccc gtacaggccc agagtgcac 60
125 tttcccaaga tgcgactgtt cttccgtgag ccctgggtga ctggctggga ttgttctggg 120
126 tgacttggtg ttgactctgc tgattgccct ggctgtgtac tctctgggcc gcttggtctc 180
127 ccgaggtcaa gggacagcgg aagggaaccg gaaacaacac attgctgaga ctgagtcgcc 240
128 ttatcaggag cttcagggtc agagacctga agtatacagt gacctcaaca cacagaggcg 300
129 atattacaga tgagcccact ctatgcccac cagcggcctg atgcccggat ccggtcattc 360
130 cagatgccta ctcaacaagc ctttctgtgg gatcaggact cccgttgga tacagatcca 420
131 cagggtacct ccctgagata tctgacattg taccatttct gtcccaaat agaagacgga 480
132 ca
133 <210> SEQ ID NO 11
134 <211> LENGTH: 171
135 <212> TYPE: PRT
136 <213> ORGANISM: Mus musculus
137 <400> SEQUENCE: 11
138 Ser His Gln Val Pro Pro Ala Pro Gly Leu Trp Cys Pro Val His Ile 15
139 1 5 10
140 Trp Pro Pro Trp Gly Ser Gly Ala Ser Trp Cys Leu Leu Phe Leu Pro 30
141 20 25
142 Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala Gln Ser Asp 45
143 35 40
144 Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly Val Leu Ser
```

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/403,980DATE: 04/13/2000
TIME: 13:47:38

Input Set: I403980.RAW

145 50 55 60
146 Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile Ala Leu Ala 80
147 65 70 75
148 Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu 95
149 85 90
150 Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu 110
151 100 105 110
152 Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg 125
153 115 120 125
W--> 154 *see Jan 10* Gln Tyr Tyr Arg **Xaa** Ala His Ser Met Pro Ile Ser Gly Leu Met Pro 140
155 130 135
156 Gly Ser Gly His Ser Arg Cys Leu Leu Asn Lys Pro Ser Leu Arg Ser 160
157 145 150 155
158 Gly Leu Pro Leu Glu Tyr Arg Ser Thr Gly Tyr 170
159 165
160 <210> SEQ ID NO 12
161 <211> LENGTH: 123
162 <212> TYPE: PRT
163 <213> ORGANISM: Mus musculus
164 <400> SEQUENCE: 12
165 Ala Tyr Leu Ala Thr Met Gly Ala Leu Glu Pro Pro Trp Cys Leu Leu 15
166 1 5 10
167 Phe Leu Pro Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala 30
168 20 25
169 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly 45
170 35 40
171 Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile 60
172 50 55 60
173 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly 80
174 65 70 75
175 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro 95
176 85 90
177 Tyr Gln Glu Leu Gln Gly Gln Arg Pro Glu Val Tyr Ser Asp Leu Asn 110
178 100 105 110
W--> 179 *Jan 10* Thr Gln Arg Gln Tyr Tyr Arg **Xaa** Ala His Ser 120
180 115
181 <210> SEQ ID NO 13
182 <211> LENGTH: 124
183 <212> TYPE: PRT
184 <213> ORGANISM: Mus musculus
185 <400> SEQUENCE: 13
186 Leu Leu Phe Leu Pro Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val 15
187 1 5 10
188 Gln Ala Gln Ser Asp Thr Phe Pro Arg Cys Gly Cys Ser Ser Val Ser 30
189 20 25
190 Pro Gly Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu 45
191 35 40
192 Leu Ile Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly 60
193 50 55
194 Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu

PAGE: 5

RAW SEQUENCE LISTING PATENT APPLICATION US/09/403,980

DATE: 04/13/2000
TIME: 13:47:38

Input Set: I403980.RAW

W--> 195 65 70 75 80
196 Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp 95
197 85 90
198 Leu Asn Thr Gln Arg Gln Tyr Tyr Arg Xaa Ala His Ser Met Pro Ile 110
199 100 105
200 Ser Gly Leu Met Pro Gly Ser Gly His Ser Arg Cys 120
201 115
202 <210> SEQ ID NO 14
203 <211> LENGTH: 133
204 <212> TYPE: PRT
205 <213> ORGANISM: Mus musculus
206 <400> SEQUENCE: 14
207 Gln Pro Leu Asp Cys Gly Val Gln Cys Ile Ser Gly His His Gly Gly 15
208 1 5 10
209 Ser Gly Ala Ser Trp Cys Leu Leu Phe Leu Pro Val Leu Leu Thr Val 30
210 20 25
211 Gly Gly Leu Ser Pro Val Gln Ala Gln Ser Asp Thr Phe Pro Arg Cys 45
212 35 40
213 Asp Cys Ser Ser Val Ser Pro Gly Val Leu Ala Gly Ile Val Leu Gly 60
214 50 55
215 Asp Leu Val Leu Thr Leu Leu Ile Ala Leu Ala Val Tyr Ser Leu Gly 80
216 65 70 75
217 Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln 95
218 85 90
219 His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg 110
220 100 105
221 Pro Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr Arg Xaa 125
222 115
223 Ala Thr Leu Cys Pro
224 130
225 <210> SEQ ID NO 15
226 <211> LENGTH: 160
227 <212> TYPE: PRT
228 <213> ORGANISM: Mus musculus
229 <400> SEQUENCE: 15
230 Phe Leu Pro Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala 15
231 1 5 10
232 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly 30
233 20 25
234 Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile 45
235 35 40
236 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly 60
237 50 55
238 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro 80
239 65 70 75
240 Tyr Gln Glu Leu Gln Gly Gln Arg Pro Glu Val Tyr Ser Asp Leu Asn 95
241 85 90
242 Thr Gln Arg Arg Tyr Tyr Arg Xaa Ala His Ser Met Pro Ile Ser Gly 110
243 100
Leu Met Pro Gly Ser Gly His Ser Arg Cys Leu Leu Asn Lys Pro Phe

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/403,980DATE: 04/13/2000
TIME: 13:47:38

Input Set: I403980.RAW

Line	? Error/Warning	Original Text
154	W "N" or "Xaa" used: Feature required	Gln Tyr Tyr Arg Xaa Ala His Ser Met Pro I
179	W "N" or "Xaa" used: Feature required	Thr Gln Arg Gln Tyr Tyr Arg Xaa Ala His S
198	W "N" or "Xaa" used: Feature required	Leu Asn Thr Gln Arg Gln Tyr Tyr Arg Xaa A
221	W "N" or "Xaa" used: Feature required	Pro Glu Val Tyr Ser Asp Leu Asn Thr Gln A
242	W "N" or "Xaa" used: Feature required	Thr Gln Arg Arg Tyr Tyr Arg Xaa Ala His S
248	W "N" or "Xaa" used: Feature required	Xaa Asp Ile Xaa His Cys Thr Ile Ser Val P
282	W "N" or "Xaa" used: Feature required	Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr A